



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Morris E. Jones, Jr.  
SERIAL NO.: 09/888,128  
FILING DATE: June 22, 2001  
TITLE: METHOD AND APPARATUS FOR TEXT IMAGE  
STRETCHING  
EXAMINER: Harrison, Chante E. (Tel. 703-305-3937)  
ART UNIT: 2672

RECEIVED

FEB 17 2004

Technology Center 2600

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Mail Stop Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450, on the date printed below:

Date:

2/9/04

Name:

Carol Diez

Mail Stop Non Fee Amendment  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

RESPONSE TO INTERVIEW WITH EXAMINER

Sir:

In response to the telephone interview with the Examiner on February 4, 2004, submitted herewith is a copy of the Amendment and Response to Office Action and accompanying documents filed with the United States Patent and Trademark Office on September 4, 2003. The submission includes a copy of the following documents:

- A. Return receipt postcard evidencing the receipt of the Amendment and Response by the Office on September 8, 2003.
- B. Copy of a check and postcard enclosed in the Amendment and Response.

C. Amendment and Response to Office Action, including a Certificate of Mailing evidencing the filing date of filed on September 4, 2003.

D. Accompanying documents including:

(i) STATEMENT CONCERNING OWNERSHIP signed by an attorney of record.

(ii) Copy of assignment records as further evidence of common ownership,

including:

(a) copy of the original assignment (March, 25, 1999) of the present application to Chips and Technologies, LLC, and copy of assignment record thereof.

(b) copy of the recordation form cover sheet to change assignee name from Chips and Technologies, LLC to Intel Corporation dated March 13, 2001.

(c) copy of return postcard evidencing receipt of the recordation (b) by Office of Public Record.

(d) copy of assignment record of U.S. Patent No. 5,940,085 (Chandravarker et al.) assigned from Chips and Technologies, Inc. to Chips and Technologies, LLC on October 30, 1998.

(e) copy of assignment record of U.S. Patent No. 5,940,085 (Chandravarker et al.) assigned from Chips and Technologies, LLC to Intel Corporation on January 3, 2001.

(iii) Grant of Limited Recognition under 37 CFR §10.9(b) for the undersigned to prosecute the patent application before the United States Patent and Trademark Office.

## REMARKS

### Record of Interview

On February 4, 2004, a telephone interview was conducted between Examiner Harrison and Masako Ando (Limited Recognition under 37 CFR §10.9(b) ). The Examiner inquired the status of the case, indicated that the Office misplaced the Amendment and Response, and requested Applicant to submit the entire copy of the document. Examiner and Masako Ando agreed that a copy of the Amendment and Response to Office Action and accompanying documents would be submitted with evidence of the filing date. The Examiner indicated that the misplaced Amendment and Response would be considered.

Early consideration and allowance of this application are earnestly solicited. If, in the opinion of the Examiner, a further interview would expedite the prosecution of this application, the Examiner is invited to call the undersigned attorney at the number indicated below.

Also submitted herewith is a copy of grant of Limited Recognition under 37 CFR §10.9(b) for the undersigned to prosecute the patent application before the United States Patent and Trademark Office for the file record.

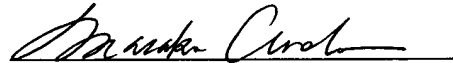
Appl. No. 09/888,128  
Resp. dated: February 9, 2004  
Reply to Interview of Feb. 4, 2004

Docket No. CT-P9191-D  
(031614-000118)

The Commissioner is hereby authorized to charge any fees which may be  
required, or credit any overpayment, to Deposit Account Number 50-1698

Respectfully submitted,  
THELEN REID & PRIEST, LLP

Dated: February 9, 2004



Masako Ando  
Limited Recognition under 37 CFR §10.9(b)

Thelen Reid & Priest LLP  
P.O. Box 640640  
San Jose, CA 95164-0640  
Tel. (408) 292-5800  
Fax. (408) 287-8040



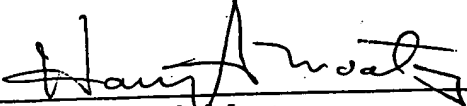
**BEFORE THE OFFICE OF ENROLLMENT AND DISCIPLINE  
UNITED STATE PATENT AND TRADEMARK OFFICE**

**LIMITED RECOGNITION UNDER 37 CFR § 10.9(b)**

Masako Ando is hereby given limited recognition under 37 CFR § 10.9(b) as an employee of Thelen, Reid & Priest LLP to prepare and prosecute patent applications wherein the patent applicant is the client of Thelen, Reid & Priest LLP, and the attorney or agent of record in the applications is a registered practitioner who is a member of Thelen, Reid & Priest LLP. This limited recognition shall expire on the date appearing below, or when whichever of the following events first occurs prior to the date appearing below: (i) Masako Ando ceases to lawfully reside in the United States, (ii) Masako Ando's employment with Thelen, Reid & Priest LLP ceases or is terminated, or (iii) Masako Ando ceases to remain or reside in the United States on an H-1 visa.

This document constitutes proof of such recognition. The original of this document is on file in the Office of Enrollment and Discipline of the U.S. Patent and Trademark Office.

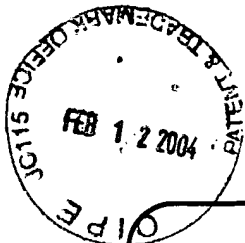
Expires: August 27, 2004

  
\_\_\_\_\_  
Harry I. Moatz  
Director of Enrollment and Discipline

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2672

PTO/SB/21 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)		Application Number	09/888,128
		Filing Date	June 22, 2001
		First Named Inventor	Morris E. Jones, Jr.
		Art Unit	2672
		Examiner Name	Chante E. Harrison
Total Number of Pages in This Submission	68	Attorney Docket Number	CT-P9191-D

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Response to Interview w/ Examiner <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Copy of Amend/Resp. 9/4/03; Return receipt postcard 9/4/03; Copy of check & postcard enclosed in Amend/Resp.; Certificate of mailing evidencing filing date of 9/4/03; accompanying documents; and Lm. Rec. 37 CFR 10.9(b)
Remarks		<b>RECEIVED</b> FEB 17 2004 Technology Center 2600

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Masako Ando, Limited Recognition Under 37 CFR §10.9(b)
Signature	<i>Masako Ando</i>
Date	2/9/04

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Carol Diez		
Signature	<i>Carol Diez</i>	Date	2/9/04

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Serial/Patent No.: 09/888,128

Filing/Issue Date: 6/22/01

Applicant: Morris E. Jones, Jr.

Title: METHOD AND APPARATUS FOR TEXT IMAGE STRETCHING

TRP Docket No.: CT-P9191-D

Atty/Secty Initials: DBR/MA/LS /cd

Date Mailed: 9/4/03

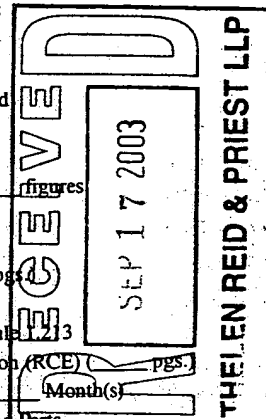
Docket Due Date: 9/4/03

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

- ☒ Amendment/Response (24 pgs.)
- ☐ Appeal Brief (\_\_\_\_ pgs.) (in triplicate)
- ☐ Application - Utility (\_\_\_\_ pgs. with cover & abstract)
- ☐ Application - Rule 1.53(b) Continuation (\_\_\_\_ pgs.)
- ☐ Application - Rule 1.53(b) Division (\_\_\_\_ pgs.)
- ☐ Application - Rule 1.53(b) CIP (\_\_\_\_ pgs.)
- ☐ Application - Rule 1.53(d) CPA (\_\_\_\_ pgs.)
- ☐ Application - PCT (\_\_\_\_ pgs.)
- ☐ Application - Provisional (\_\_\_\_ pgs.)
- ☐ Assignment and Cover Sheet
- ☐ Certificate of Correction
- ☒ Certificate of Mailing
- ☐ Declaration & POA (\_\_\_\_ pgs.)
- ☒ Fee Transmittal
- ☐ Drawings (informal):  
# of sheets includes \_\_\_\_ figures

- ☒ Other:  
*Statement concerning ownership,  
copy of assignment records,  
timely recognition under 37  
CFR 10.9(b)*

- ☐ IDS & PTO 1449 (\_\_\_\_ pgs.)
- ☐ Pieces of Prior Art Enclosed
- ☐ Issue Fee Transmittal
- ☐ Submission of Formal Drawings:  
# of sheets includes \_\_\_\_ figures
- ☐ Notice of Appeal
- ☒ Postcard
- ☐ Preliminary Amendment (\_\_\_\_ pgs.)
- ☐ Reply Brief (\_\_\_\_ pgs.)
- ☐ Req and Cert. Not to Publish - Rule 1.213
- ☐ Request for Continued Examination (RCE) (\_\_\_\_ pgs.)
- ☐ Request for Extension of Time (\_\_\_\_ Month(s))
- ☐ Response to Notice to File Missing Parts
- ☐ Copy of PTO Notice to File Missing Parts
- ☒ Transmittal Letter (original/copy)
- ☐ Express Mail No.:
- ☒ Check(s) \$ *366*
- ☐ Deposit Acct. No. 50-1698 \$
- Patent Code: *1202/1201*
- Client/Matter # *31614 - 118*



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NEW BONTARS FLUORESCENT FIDERS AND OTHER SECURITY

314913

Check Date:

September 4, 2003

**VOID AFTER 90 DAYS**

366.00

Dollars

PAY Three hundred sixty-six and 00/100 \*\*\*\*\*

~~Thelen Reid & Priest LLP~~

## Commissioner for Patents

TO  
THE  
ORDER  
OF

Over \$500.00 Requires Two Signatures

031614-118

**Serial/Patent.No.:** 09/888,128

**Applicant: Morris E. Jones, Jr.**

**Title:** METHOD AND APPARATUS FOR TEXT IMAGE STRETCHING

**TRP Docket No.: CT-P9191-D**

**IRF Docket No.:** 9/4/03  
**Date Mailed:** 9/4/03

**The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:**

☒ Amendment/Response (24 pgs.)☐ Appeal Brief (\_\_\_\_ pgs.) (in triplicate)

☐ Application - Utility (\_\_\_\_ pgs. with cover & abstract)

☐ Application – Rule 1.53(b) Continuation (\_\_\_\_ pgs.)☐ Application – Rule 1.53(b) Division (\_\_\_\_ pgs.)☐ Application – Rule 1.53(b) CIP (\_\_\_\_ pgs.)

☐ Application – Rule 1.53(d) CPA

☐ Application - PCT (\_\_\_\_ pgs.)

☐ Application - Provisional (\_\_\_\_ pgs.)

☐ Application – Provisional  
☐ Assignment and Cover Sheet☐ Assignment and Cover Sheet  
☐ Certificate of Correction☒ Certificate of Mailing

☐ Declaration & POA (\_\_\_ pgs.)

☒ **Free Transmittal**

**□ Drawings (informal):**

☐ # of sheets includes \_\_\_\_\_ figures

☒ Other: 5-10

Statement concerning records, copy of assignment records,

Copy of ~~document~~ records  
Liam's Red Recognition Under 37

1750 v, 42 v

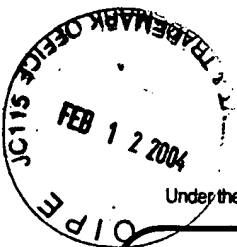
DOCKETED  
SEP - 4 2003

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PTO/SB/21 (05-03)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Application Number	09/888,128
Filing Date	June 22, 2001
First Named Inventor	Morris E. Jones, Jr.
Art Unit	2672
Examiner Name	Chante E. Harrison
Attorney Docket Number	CT-P9191-D

Total Number of Pages in This Submission

59

**ENCLOSURES (check all that apply)**☒ Fee Transmittal Form☒ Fee Attached☒ Amendment / Response☐ After Final☐ Affidavits/declaration(s)☐ Extension of Time Request☐ Express Abandonment Request☐ Information Disclosure Statement☐ Certified Copy of Priority Document(s)☐ Response to Missing Parts/ Incomplete Application☐ Response to Missing Parts under 37 CFR 1.52 or 1.53☐ Assignment Papers (for an Application)☐ Drawing(s)☐ Licensing-related Papers☐ Petition☐ Petition to Convert to a Provisional Application☐ Power of Attorney, Revocation Change of Correspondence Address☐ Terminal Disclaimer☐ Request for Refund☐ CD, Number of CD(s)☐ After Allowance Communication to Group☐ Appeal Communication to Board of Appeals and Interferences☐ Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)☐ Proprietary Information☐ Status Letter☒ Other Enclosure(s) (please identify below):

Statement Concerning Ownership

Copy of assignment records

Limited Recognition Under 37 CFR 10.9(b)

Remarks

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**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**Firm  
or  
Individual name

Masako Ando, Lim. Rec. Under 37 CFR 10.9(b)

Signature

Date

9/4/03

**CERTIFICATE OF MAILING**

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Typed or printed name

Carol Diez

Signature

Date

9/4/03

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/USC 17 (US-US)  
JAN 12 2004  
OIP E 361

# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 366

Complete if Known

Application Number 09/888,128  
Filing Date June 22, 2001  
First Named Inventor Morris E. Jones, Jr.  
Examiner Name Chante E. Harrison  
Art Unit 2872  
Attorney Docket No. CT-P9191-D

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FEB 17 2004

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## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money ☐ Other ☐ None  
Order

☐ Deposit Account:

Deposit  
Account  
Number 50-1698

Deposit  
Account  
Name Thelen Reid & Priest, LLP

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$ 0)

### 2. EXTRA CLAIM FEES

				Extra Claims		Fee from below		Fee Paid
Total Claims	31	-20 **	=	11	X	18	=	198
Independent Claims	6	-4 **	=	2	X	84	=	168
Multiple Dependent					X		=	0

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 366)

\*\*or number previously paid, if greater, For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1480	130	1480	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0)

## SUBMITTED BY

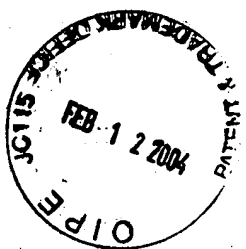
Complete (if applicable)

Name (Print/Type) Masako Ando Registration No. Attorney/Agent LR37CFR10.9b Telephone (408) 292-5800  
Signature [Signature] Date 9/4/03

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

AUGUST 09, 1999

PTAS



\*101060336A\*

D'ALESSANDRO & RITCHIE  
TARA HAYDEN  
P.O. BOX 640640  
SAN JOSE, CA 95164-0640

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FEB 17 2004

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/08/1999

REEL/FRAME: 010001/0338  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
JONES, JR., MORRIS E.

DOC DATE: 03/25/1999

ASSIGNEE:  
CHIPS AND TECHNOLOGIES, LLC  
2950 ZANKER ROAD  
SAN JOSE, CALIFORNIA 95134

SERIAL NUMBER: 09261640  
PATENT NUMBER:

FILING DATE: 03/03/1999  
ISSUE DATE:

MAYA BENNETT, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

RECEIVED

AUG 19 1999

D'ALESSANDRO & RITCHIE

FORM PTO-1595  
CT-302

RECOI

06-10-1999



U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

101060336

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Morris E. Jones, Jr.

Additional name(s) of conveying parties attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date March 25, 1999

2. Name and address of receiving party(ies):

Name Chips and Technologies, LLC.

Internal Address \_\_\_\_\_

Street Address 2950 Zanker Road

City San Jose State CA Zip 95134

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is FEB 17 2004

A. Patent Application No. (s)  
09/261,640

B. Patent No. (s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name D'Alessandro & Ritchie

Internal Address \_\_\_\_\_

Street Address P. O. Box 640640

City San Jose State CA Zip 95164-0640

6. Total number of applications and patents involved 1

7. Total fee (37 CFR §3.41) ..... \$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number:

04-0025

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6/10/1999 DNGUYEN 00000069 09261640

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40.00 DP

9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Tara Hayden

Name of Person Signing

TARA HAYDEN  
Signature

April 12, 1999

Date

Total number of pages including cover sheet, attachments and document 2

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments, Washington, DC 20231

**ASSIGNMENT**

WHEREAS, I, Morris E. Jones, Jr., a citizen of United States of America, residing at 19472 Riesling Court, Saratoga, California 95070, have invented a "Method and Apparatus for Text Image Stretching" for which I have executed application papers for a U.S. patent thereon which was filed on March 3, 1999, serial no. 09/261,640; and

WHEREAS, Chips and Technologies, LLC., a Delaware corporation, having a place of business 2950 Zanker Road, San Jose, California 95134, is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefor in the United States of America and its territories and possessions, and all countries foreign thereto;

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, I, Morris E. Jones, Jr., do sell, assign, transfer and set over unto the said Chips and Technologies, LLC., its successors and assigns, the full and exclusive right, title and interest in and to said invention, and in and to any and all Letters Patent to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries including all priority rights under the International Convention; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Chips and Technologies, LLC., its successors and assigns, in accordance with this Assignment.

WITNESS MY HAND at San Jose California, this 25 day of March, 1999.

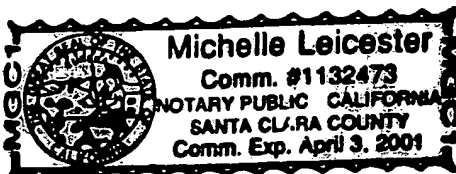
Morris E. Jones Jr.  
Morris E. Jones, Jr.

STATE OF CALIFORNIA )

COUNTY OF SANTA CLARA ) ss.

On this 25th day of MARCH, 1999, before me, a Notary Public, personally appeared Morris E. Jones, Jr., personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacities, and that by his/her/their signature/s on the instrument the person/s or the entity upon behalf of which the person/s acted, executed the instrument.

WITNESS my hand and official seal.



Michelle Leicester  
NOTARY PUBLIC

RECORDATION FORM COVER SHEET

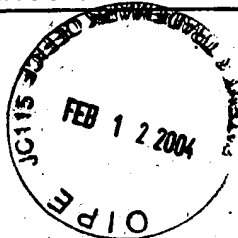
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To the Honorable Commissioner of Patents and Trademarks: Please Record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Chips and Technologies, Inc.  
2950 Zanker Road  
San Jose, CA 95134



Additional name of conveying party(ies) attached? ☐ Yes ☐ No

3. Nature of conveyance:

- ☐ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name

☒ Other a corrective assignment to correct the assignee name and address reel 010001 frame 0338

Execution Date: 03/25/99

2. Name and address of receiving party(ies)

Name: Intel Corporation

Internal Address: \_\_\_\_\_

Street Address: 2200 Mission College Blvd.

City: Santa Clara State: CA Zip: 95052

Additional Name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)  
09/888,128  
CT-P9191-D

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: David B. Ritchie

Internal Address: Thelen Reid & Priest LLP

P.O. Box 640640

Street Address: \_\_\_\_\_

City: San Jose State: CA Zip: 95065-0640

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41) .....\$ 40.00

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☐ Authorized to be charged to deposit account

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50-1698

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David B. Ritchie, Reg. No. 31,562

Name of Person Signing

Signature

March 13, 2003

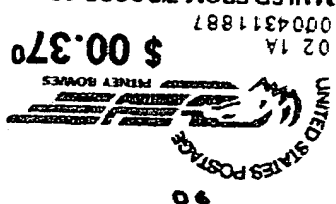
Date



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FINANCE SECTION

THELEN REID & PRIEST LL  
P.O. Box 640640  
SAN JOSE, CA 95164-0640

MAILED FROM ZIP CODE 95113



Serial/Patent No.: 09/888,128

Filing/Issue Date: 6/22/01

Applicant: Morris Jones

Title: METHOD FOR APPARATUS FOR TEXT

TRP Docket No.: CT-99191-D

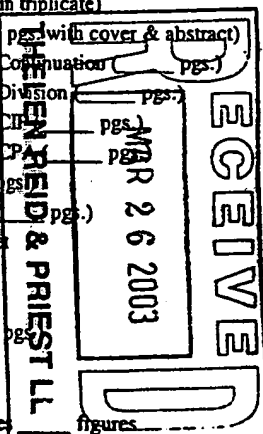
Atty/Secty Initials: DBR/ls/ld

Date Mailed: 3/14/03

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| <input type="checkbox"/> Appeal Brief (____ pgs.) (in triplicate)   | <input type="checkbox"/> ____ Pieces of Prior Art Enclosed  |
| <input type="checkbox"/> Application - Utility (____ pgs. with cover & abstract)                            | <input type="checkbox"/> Issue Fee Transmittal  |
| <input type="checkbox"/> Application - Rule 1.53(b) Continuation (____ pgs.)                                | <input type="checkbox"/> Submission of Formal Drawings:<br>____ # of sheets includes ____ figures |
| <input type="checkbox"/> Application - Rule 1.53(b) Division (____ pgs.)                                    | <input type="checkbox"/> Notice of Appeal   |
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| <input checked="" type="checkbox"/> Other:<br>Recordation Cover Sheet to Correct Assignees name and address | <input checked="" type="checkbox"/> Check(s) \$40.00  |
|   | <input type="checkbox"/> Deposit Acct. No. 50-1698 \$   |
|   | Patent Code:  |
|   | Client/Matter # 31614-118   |



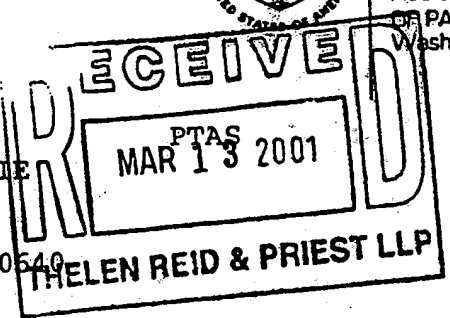


03.614-1  
don. rich

**UNITED STATES DEPARTMENT OF COMMERCE**  
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OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

FEBRUARY 27, 2001

D'ALESSANDRO & RITCHIE  
DAVID B. RITCHIE  
P.O. BOX 640640  
SAN JOSE, CA 95164-0640



\*101561363A\*

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RECORDATION DATE: 12/04/2000

REEL/FRAME: 011333/0503  
NUMBER OF PAGES: 10

BRIEF: MERGER (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
CHIPS AND TECHNOLOGIES, INC.

DOC DATE: 10/30/1998

ASSIGNEE:  
CHIPS AND TECHNOLOGIES, LLC  
2220 MISSION COLLEGE BLVD.  
SANTA CLARA, CALIFORNIA 95052

SERIAL NUMBER: 09004544  
PATENT NUMBER:

FILING DATE: 01/08/1998  
ISSUE DATE:

SERIAL NUMBER: 08946326  
PATENT NUMBER:

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ISSUE DATE:

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ISSUE DATE:

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FILING DATE: 03/10/1998  
ISSUE DATE:



011333/0503 PAGE 2

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011333/0503 PAGE 5

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011333/0503 PAGE 6

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FILING DATE: 03/29/1996  
ISSUE DATE: 07/14/1998

JOANN STEWART, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

FORM PTO-1619A  
Expires 06/30/99  
OMB 0651-0027

12-26-2000

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**



101561363

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Document ID#

☐ Correction of PTO Error

Reel #  Frame #

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Technology Center 2600

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☐ Mark if additional names of conveying parties attached

Name (line 1)  Chips and Technologies, Inc.

Execution Date  
Month Day Year  
10 30 98

Name (line 2)

**Second Party**

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year

09 00 45 44

**Receiving Party**

☐ Mark if additional names of receiving parties attached

Name (line 1)  Chips and Technologies, LLC

Name (line 2)

Address (line 1)  2220 Mission College Blvd.

Address (line 2)

Address (line 3)  Santa Clara

CA, USA

95052

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

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Mail documents to be recorded with required cover sheet(s) information to:  
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

12/22/2000 6TON11 00000189 09004544

**Correspondent Name and Address**

Area Code and Telephone Number **408-441-1100**

Name **D'Alessandro & Ritchie**

Address (line 1) **P.O. Box 640640**

Address (line 2) **San Jose, CA 95164-0640**

Address (line 3)

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**Pages**

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# **10**

**Application Number(s) or Patent Number(s)**

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)**

**09/004,544** **08/946,326** **09/207,014**

**09/041,193** **09/028,828**

**Patent Number(s)**

**5,555,460** **5,276,825** **5,305,319**

**5,452,423** **5,297,271** **5,233,553**

**5,313,606** **4,899,272** **5,400,053**

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT  PCT  PCT   
PCT  PCT  PCT

**Number of Properties**

Enter the total number of properties involved.

# **85**

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$ **3,400.00**

Method of Payment:  
Deposit Account

Enclosed ☒ Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

# **04-0025**

Authorization to charge additional fees:

Yes ☒ No ☐

**Statement and Signature**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

**David B. Ritchie**

Name of Person Signing

Signature

Date

**11/29/2000**

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Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

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Enter additional Receiving Party(ies)

Name (line 1)

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

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Address (line 3)  City  State/Country  Zip Code

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Application Number(s) or Patent Number(s)

☒ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

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5,051,622	5,021,983	5,201,059



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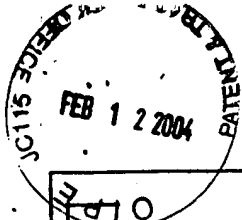
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Patent Application Number(s)

Patent Number(s)


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4,985,871	5,161,218	5,125,011
5,276,833	4,918,436	5,293,587
5,226,047	5,061,825	5,237,131
5,452,432	5,276,886	5,025,315



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Application Number(s) or Patent Number(s)

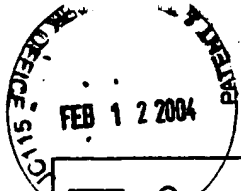
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Patent Number(s)

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5,473,572	5,638,083	6,079,040
5,987,581	5,793,385	6,061,047
5,903,283	6,034,663	5,914,677



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OMB 0651-0027

RECORDATION FORM COVER SHEET  
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Month Day Year

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Month Day Year

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☐ Mark if additional numbers attached

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Patent Application Number(s)

Patent Number(s)


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State of Delaware  
Office of the Secretary of State

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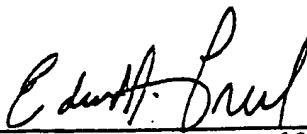
FEB 17 2004

Technology Center 2600

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF  
DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT  
COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"CHIPS AND TECHNOLOGIES, INC.", A DELAWARE CORPORATION,  
WITH AND INTO "CHIPS AND TECHNOLOGIES, L.L.C." UNDER THE  
NAME OF "CHIPS AND TECHNOLOGIES, L.L.C.", A LIMITED LIABILITY  
COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF  
DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE SECOND DAY OF  
NOVEMBER, A.D. 1998, AT 4 O'CLOCK P.M.



  
Edward J. Freel, Secretary of State

2962980 8100M

001582851

AUTHENTICATION: 0804195

DATE: 11-20-00

FROM POTTER ANDERSON & CORROON LLP

(TUE) 11. 3 '98 15:55/ST. 15

STATE OF DELAWARE  
DIVISION OF CORPORATIONS  
FILED 04:00 PM 11/02/1998  
981423382 - 2962980

CERTIFICATE OF MERGER  
OF  
CHIPS AND TECHNOLOGIES, INC.  
WITH AND INTO  
CHIPS AND TECHNOLOGIES, L.L.C.

Pursuant to Section 264 of the General  
Corporation Law of the State of Delaware ("GCLD")  
and Section 18-209 of the  
Delaware Limited Liability Company Act ("DLLCA")

Chips And Technologies, L.L.C., a Delaware limited liability company, hereby  
certifies to the following facts relating to the merger of Chips And Technologies, Inc., a  
Delaware corporation, with and into Chips and Technologies, L.L.C., a Delaware limited  
liability company (the "Merger").

First: The name and jurisdiction of formation or organization of each  
of the constituent entities to the Merger are:

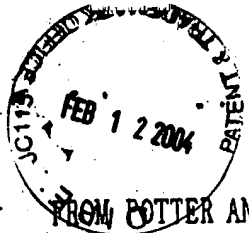
<u>Name</u>	<u>State</u>
Chips And Technologies, L.L.C.	Delaware
Chips And Technologies, Inc.	Delaware

Second: An Agreement of Merger dated October 30, 1998 (the "Merger  
Agreement"), has been approved, adopted, certified, executed and acknowledged by each of the  
constituent entities to the Merger in accordance with Sections 264(c) and 228 of the GCLD and  
Section 18-209 of the DLLCA.

Third: The name of the surviving limited liability company is Chips  
And Technologies, L.L.C.

Fourth: The effective time of the Merger shall be November 3, 1998.

Fifth: An executed copy of the Merger Agreement is on file at the  
following place of business of Chips And Technologies, L.L.C.:



POTTER ANDERSON & CORROON LLP

(TUE) 11. 3' 98 15:55/ST. 15:52/NO. 4860192844 P 3

Chips And Technologies, L.L.C.  
220 Mission College Blvd  
Santa Clara, CA 95052

Sixth: A copy of the Merger Agreement will be furnished by Chips And Technologies, L.L.C., upon request and without cost, to any member of Chips And Technologies, L.L.C. or to any stockholder of Chips And Technologies, Inc.

IN WITNESS WHEREOF, Chips And Technologies, L.L.C. has caused this Certificate of Merger to be duly executed this 30th day of October, 1998.

CHIPS AND TECHNOLOGIES, L.L.C.

By: INTEL Corp.  
its sole member

By: Patrice C Scatena  
Name: Patrice C. Scatena  
Title: Assistant Secretary



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APRIL 04, 2001

PTAS



\*101601888A\*

THELEN REID & PRIEST LLP  
DAVID B. RITCHIE  
P.O. BOX 640640  
SAN JOSE CA 95164-0640

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/23/2001

REEL/FRAME: 011449/0081  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
CHIPS AND TECHNOLOGIES, LLC

DOC DATE: 01/03/2001

ASSIGNEE:  
INTEL CORPORATION  
2220 MISSION COLLEGE BOULEVARD  
SANTA CLARA, CALIFORNIA 95052

SERIAL NUMBER: 08520528  
PATENT NUMBER: RE37069

FILING DATE: 08/29/1995  
ISSUE DATE: 02/27/2001

SERIAL NUMBER: 08946326  
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FILING DATE: 10/07/1997  
ISSUE DATE:

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FILING DATE: 02/24/1998  
ISSUE DATE: 04/03/2001



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ISSUE DATE: 09/19/1995

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FILING DATE: 04/22/1992  
ISSUE DATE: 10/03/1995

SERIAL NUMBER: 08326134  
PATENT NUMBER: 5473572

FILING DATE: 10/18/1994  
ISSUE DATE: 12/05/1995

SERIAL NUMBER: 08049480  
PATENT NUMBER: 5526025

FILING DATE: 04/19/1993  
ISSUE DATE: 06/11/1996

SERIAL NUMBER: 08402159  
PATENT NUMBER: 5555460

FILING DATE: 03/09/1995  
ISSUE DATE: 09/10/1996

SERIAL NUMBER: 08419843  
PATENT NUMBER: 5638083

FILING DATE: 04/11/1995  
ISSUE DATE: 06/10/1997

SERIAL NUMBER: 08783270  
PATENT NUMBER: 5745106

FILING DATE: 01/15/1997  
ISSUE DATE: 04/28/1998

SERIAL NUMBER: 08625732  
PATENT NUMBER: 5781768

FILING DATE: 03/29/1996  
ISSUE DATE: 07/14/1998

SERIAL NUMBER: 08752475  
PATENT NUMBER: 5793350

FILING DATE: 11/19/1996  
ISSUE DATE: 08/11/1998

SERIAL NUMBER: 08662057  
PATENT NUMBER: 5793385

FILING DATE: 06/12/1996  
ISSUE DATE: 08/11/1998

SERIAL NUMBER: 08272969  
PATENT NUMBER: 5802548

FILING DATE: 07/08/1994  
ISSUE DATE: 09/01/1998

SERIAL NUMBER: 08921646  
PATENT NUMBER: 5903283

FILING DATE: 08/27/1997  
ISSUE DATE: 05/11/1999

SERIAL NUMBER: 08779284  
PATENT NUMBER: 5914677

FILING DATE: 01/15/1997  
ISSUE DATE: 06/22/1999

SERIAL NUMBER: 08772794  
PATENT NUMBER: 5940085

FILING DATE: 12/24/1996  
ISSUE DATE: 08/17/1999

SERIAL NUMBER: 08832574  
PATENT NUMBER: 5987581

FILING DATE: 04/02/1997  
ISSUE DATE: 11/16/1999

SERIAL NUMBER: 08814569  
PATENT NUMBER: 6034663

FILING DATE: 03/10/1997  
ISSUE DATE: 03/07/2000

SERIAL NUMBER: 08878542  
PATENT NUMBER: 6055609

FILING DATE: 06/19/1997  
ISSUE DATE: 04/25/2000

SERIAL NUMBER: 08715011  
PATENT NUMBER: 6061047

FILING DATE: 09/17/1996  
ISSUE DATE: 05/09/2000

SERIAL NUMBER: 08711114  
PATENT NUMBER: 6079040

FILING DATE: 09/09/1996  
ISSUE DATE: 06/20/2000

SERIAL NUMBER: 08046109  
PATENT NUMBER: 6125412

FILING DATE: 04/09/1993  
ISSUE DATE: 09/26/2000

011449/0081 PAGE 7

SERIAL NUMBER: 07434201  
PATENT NUMBER: 5021983

FILING DATE: 11/13/1989  
ISSUE DATE: 06/04/1991

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ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

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02-01-2001



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Patent and Trademark Office

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1. Name of conveying party(ies):

Chips and Technologies, LLC

1-23-01

Additional name(s) of conveying parties attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date January 3, 2001

2. Name and address of receiving party(ies):

Name Intel Corporation

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Internal Address

FEB 17 2004

Technology Center 2600

Street Address 2220 Mission College Boulevard

City Santa Clara State CA Zip 95052

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s): see attached "Attachment A"

If this document is being filed together with a new application, the execution date of the application is

A. Patent Application No. (s)

B. Patent No. (s)

Additional numbers attached? ☒ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name Thelen Reid & Priest LLP

Internal Address

Street Address P. O. Box 640640

City San Jose State CA Zip 95164-0640

6. Total number of applications and patents involved



7. Total fee (37 CFR §3.41) ..... \$ 3,960.00

☒ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number:

50-1698

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

David B. Ritchie

Name of Person Signing

Signature

1/19/01

Date

Total number of pages including cover sheet, attachments and document

4

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments, Washington, DC 20231

## ASSIGNMENT

WHEREAS, Chips and Technologies, LLC, a limited liability company organized under the laws of the State of California, having a place of business at 2220 Mission College Boulevard, Santa Clara, California 95052, is the present assignee of inventions as listed on the attachment to this Assignment; and

WHEREAS, Intel Corporation, a corporation organized under the laws of the State of Delaware, having a place of business at 2220 Mission College Boulevard, Santa Clara, California 95052, is desirous of acquiring the exclusive right, title and interest in and to said inventions and in and to the Letters Patent granted, or to be granted and issued therefor, in the United States of America and its territories and possessions, and all countries foreign thereto;

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, Chips and Technologies, LLC, does sell, assign, transfer and set over unto the said Intel Corporation, its successors and assigns, the full and exclusive right, title and interest in and to said inventions, and in and to any and all Letters Patent granted, or to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries including all priority rights under the International Convention; and I hereby authorize and request the Commissioner of Patents and Trademarks to amend/issue said Letters Patent to Intel Corporation, its successors and assigns, in accordance with this Assignment.

WITNESS MY HAND at SANTA CLARA, this 3rd day of January, 2001.

Patrice C. Scatena  
Pat Scatena

STATE OF CALIFORNIA )  
COUNTY OF SANTA CLARA ) ss.

On this 3rd day of JAN. 2001, before me, ROXY SCHROEDER  
a Notary Public, personally appeared PATRICE C. SCATENA personally known to me  
(or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the  
within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity,  
and that by his/her signature on the instrument the person or the entity upon behalf of which the person  
acted, executed the instrument.

WITNESS my hand and official seal.



Roxy Schroeder  
NOTARY PUBLIC





Attachment "A"

Issued Patents

U.S. Patent No. 4,899,272  
U.S. Patent No. 4,918,436  
U.S. Patent No. 4,980,853  
U.S. Patent No. 4,985,871  
U.S. Patent No. 4,991,085  
U.S. Patent No. 4,977,398  
U.S. Patent No. 5,005,157  
U.S. Patent No. 5,018,076  
U.S. Patent No. 5,021,983  
U.S. Patent No. 5,023,483  
U.S. Patent No. 5,025,315  
U.S. Patent No. 5,051,622  
U.S. Patent No. 5,061,825  
U.S. Patent No. 5,125,011  
U.S. Patent No. 5,125,080  
U.S. Patent No. 5,142,363  
U.S. Patent No. 5,161,218  
U.S. Patent No. 5,179,713  
U.S. Patent No. 5,196,839  
U.S. Patent No. 5,201,059  
U.S. Patent No. 5,210,856  
U.S. Patent No. 5,212,781  
U.S. Patent No. 5,222,212  
U.S. Patent No. 5,226,047  
U.S. Patent No. 5,227,989  
U.S. Patent No. 5,233,553  
U.S. Patent No. 5,237,131  
U.S. Patent No. 5,245,327  
U.S. Patent No. 5,247,655  
U.S. Patent No. 5,271,098  
U.S. Patent No. 5,274,791  
U.S. Patent No. 5,276,825  
U.S. Patent No. 5,276,833  
U.S. Patent No. 5,276,886  
U.S. Patent No. 5,280,590  
U.S. Patent No. 5,285,192  
U.S. Patent No. 5,293,587  
U.S. Patent No. 5,297,271  
U.S. Patent No. 5,305,319  
U.S. Patent No. 5,305,452  
U.S. Patent No. 5,313,606  
U.S. Patent No. 5,317,694  
U.S. Patent No. 5,325,516  
U.S. Patent No. 5,327,364  
U.S. Patent No. 5,345,568  
U.S. Patent No. 5,345,577  
U.S. Patent No. 5,349,688  
U.S. Patent No. 5,381,543  
U.S. Patent No. 5,386,584  
U.S. Patent No. 5,400,053  
U.S. Patent No. 5,422,654  
U.S. Patent No. 5,432,905

Attachment "A" (continued)

U.S. Patent No. 5,448,257  
U.S. Patent No. 5,452,423  
U.S. Patent No. 5,452,432  
U.S. Patent No. 5,455,909  
U.S. Patent No. 5,473,572  
U.S. Patent No. 5,526,025  
U.S. Patent No. 5,555,460  
U.S. Patent No. 5,638,083  
U.S. Patent No. 5,745,106  
U.S. Patent No. 5,781,768  
U.S. Patent No. 5,793,350  
U.S. Patent No. 5,793,385  
U.S. Patent No. 5,802,548  
U.S. Patent No. 5,903,283  
U.S. Patent No. 5,914,677  
U.S. Patent No. 5,940,085  
U.S. Patent No. 5,987,581  
U.S. Patent No. 6,034,663  
U.S. Patent No. 6,055,609  
U.S. Patent No. 6,061,047  
U.S. Patent No. 6,079,040  
U.S. Patent No. 6,125,412

Pending Patent Applications

Serial No. 08/520,528  
Serial No. 08/946,326  
Serial No. 09/004,544  
Serial No. 09/028,828  
Serial No. 09/041,193  
Serial No. 09/205,643  
Serial No. 09/207,014  
Serial No. 09/215,890  
Serial No. 09/226,924  
Serial No. 09/231,321  
Serial No. 09/240,228  
Serial No. 09/258,551  
Serial No. 09/259,249  
Serial No. 09/261,640  
Serial No. 09/330,261  
Serial No. 09/386,939  
Serial No. 09/393,479  
Serial No. 09/393,480  
Serial No. 09/393,596  
Serial No. 09/393,722  
Serial No. 09/394,293  
Serial No. 09/395,000  
Serial No. 09/495,109  
Serial No. 09/494,745  
Serial No. 09/569,972

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3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date January 3, 2001

2. Name and address of receiving party(ies):

Name Intel Corporation

Internal Address \_\_\_\_\_

Street Address 2220 Mission College Boulevard

City Santa Clara State CA Zip 95052

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4. Application number(s) or patent number(s): see attached "Attachment A"

If this document is being filed together with a new application, the execution date of the application is \_\_\_\_\_  
A. Patent Application No. (s) B. Patent No. (s)

Additional numbers attached? ☒ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name Thelen Reid & Priest LLP

Internal Address \_\_\_\_\_

Street Address P. O. Box 640640

City San Jose State CA Zip 95164-0640

6. Total number of applications and patents involved ☐

7. Total fee (37 CFR §3.41) ..... \$ 3,960.00

☒ Enclosed

☒ Authorized to be charged to deposit account

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David B. Ritchie

Name of Person Signing

[Signature]  
Signature

1/19/01

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UNITED STATE PATENT AND TRADEMARK OFFICE** **RECEIVED**

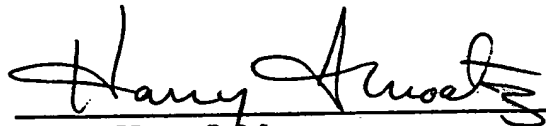
FEB 17 2004

**LIMITED RECOGNITION UNDER 37 CFR § 10.9(b) Technology Center 2600**

Masako Ando is hereby given limited recognition under 37 CFR § 10.9(b) as an employee of Thelen, Reid & Priest LLP to prepare and prosecute patent applications wherein the patent applicant is the client of Thelen, Reid & Priest LLP, and the attorney or agent of record in the applications is a registered practitioner who is a member of Thelen, Reid & Priest LLP. This limited recognition shall expire on the date appearing below, or when whichever of the following events first occurs prior to the date appearing below: (i) Masako Ando ceases to lawfully reside in the United States, (ii) Masako Ando's employment with Thelen, Reid & Priest LLP ceases or is terminated, or (iii) Masako Ando ceases to remain or reside in the United States on an H-1 visa.

This document constitutes proof of such recognition. The original of this document is on file in the Office of Enrollment and Discipline of the U.S. Patent and Trademark Office.

**Expires: January 1, 2004**

  
\_\_\_\_\_  
Harry I. Moatz  
Director of Enrollment and Discipline